



THE QUALITY CHICKEN PEOPLE

5-DAY

ALLEN FAMILY FOODS, INC.

P.O. Box 63
18752 HARBESON RD.
HARBESON, DE 19951
302/684-1640 FAX: 302/684-1638

December 3, 2010



Mr. Glenn Davis
Department of Natural Resources & Environmental Control
Division of Water Resources
89 Kings Highway
Dover, Delaware 19901

Re: Permit #DE 0000299
Discharge 001

Dear Mr. Davis:

This letter is to follow up the 24 hour verbal notification to you that occurred on November 18, 2010 concerning the Ammonia as Nitrogen composite sample for the sampling date November 16, 2010. The official results were received today. Per the notification requirements of Part II Section A.2(b) of the referenced permit we report the following:

Allen's – Harbeson 001 Ammonia as Nitrogen Composite Sample

Sample Date	Parameter	Results Reported
November 16, 2010	Ammonia as Nitrogen	13.8 mg/L
November 16, 2010	Ammonia as Nitrogen	134.52 lbs/day

As we discussed the Allen's Harbeson wastewater treatment facility had been experiencing an increase in filamentous bacteria in the activated sludge treatment system. This was confirmed with four sets of microscopic examination of our mixed liquor by Dr. Michael Richard and Steve Leech. Our consultant's recommended response was to chlorinate the Return Activated Sludge and the influent flow to CMAS 1. Once the sludge blanket in the final clarifier was reduced the addition of chlorine was discontinued.

The nitrification process in the plants biological system was impaired. To help restore the nitrification process it was necessary to implement bioaugmentation of the system by adding commercially prepared nitrifying bacteria. Positive results were realized and the ammonia level reported on the sample date of November 23, 2010 was 0.14 mg/L.

If you should have any questions, please do not hesitate to contact me at (302) 684-1640, Ext. 184.

Respectfully Submitted,
ALLEN FAMILY FOODS, INC.

A handwritten signature in cursive script, reading "Michael R. Sausé".

Michael R. Sausé
Wastewater Manager

Cc: Tom Brinson, Corporate Environmental Manager
Rob Bacon, Senior Wastewater Manager